

-1- (JAPIO)

TITLE
PATENT APPLICANT
INVENTORS

PATENT NUMBER
APPLICATION DETAILS
SOURCE

INT'L PATENT CLASS
JAPIO CLASS
ABSTRACT

AIR BUTTON BATTERY
(2000582) MATSUSHITA ELECTRIC IND CO LTD
KONISHI, HAJIME; MORITA, KORENOBU; MIZUTANI, SEIICHI;
SAWAI, TADASHI
88.08.15 J63195975, ~~JP 63-195975~~
87.02.06 87JP-026662, 62-26662
88.12.13 SECT. E, SECTION NO. 693; VOL. 12, NO. 476,
PG. 74.
H01M-012/06
42.9 (ELECTRONICS--Other)
PURPOSE: To stabilize the internal resistance of a
battery even after vibration is applied by using zinc
powder obtained by granulating fine particles as a
negative active material.
CONSTITUTION: Zinc powder obtained by granulating
fine particles is used as a negative active material.
200-400mesh fine zinc powder is amalgamated in a wet
process and granulated by binding zinc particles with
mercury. The amalgamation rate is 7 wt%. The space
for expansion formed inside a sealing plate is
distributed among the zinc particles, and the zinc
particles are uniformly dispersed inside the sealing
plate apparently. Even after vibration is applied,
the contact of zinc powder with a separator is kept
good and an increase in internal resistance is
prevented.